

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Brian P. Dwyer, et al.

Serial No.: 09/775,840

Filed: January 31, 2001

**For: HIGH-SOLUBLE, FLUORESCENT,
AND ELECTROPHORETICALLY
MOBILE PEPTIDIC SUBSTRATES
FOR ENZYMATIC REACTIONS
AND METHODS FOR THEIR USE IN
HIGH-THROUGHPUT SCREENING
ASSAYS**

)
) **Group Art Unit:** Not Assigned

)
) **Examiner:** Not Assigned

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Dwyer
6-3002

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Supplemental Information Disclosure Statement ("IDS") are brought to the attention of the Office. The items are listed on the attached form PTO-1449 and copies are enclosed for the convenience of the Examiner.

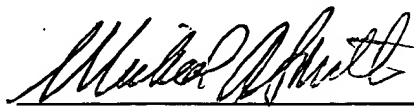
The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

OC-89705.1

CERTIFICATE OF MAILING (37 C.F.R. §1.10)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as 'Express Mail Post Office To Addressee' in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

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Date of Deposit: August 15, 2001



Micheal A. Smith

This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) within three months of the filing date of the application, which is not a continued prosecution application filed under § 1.53(d); or (2) within three months of entry of the national stage as set forth in 37 CFR § 1.491; or (3) before the mailing of a first Office action on the merits; or (4) before the mailing of a first Office action after filing a request for continued examination under § 1.114. Thus, no fee is required. However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR § 1.17(p) to the deposit account referenced below.

The Commissioner is authorized to charge any fees required by the filing of these papers, and to credit any overpayment to Lyon & Lyon's Deposit Account No. 12-2475.

Respectfully submitted,

LYON & LYON LLP

Dated: August 15, 2001

By: 

Patrick S. Eagleman
Reg. No. 44,665



22249

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FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOC. NO. 257/245	SERIAL NO. 09/775,840
	APPLICANT: Brian P. Dwyer et al.	
	FILING DATE: January 31, 2001	GROUP: Not Assigned

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
	AA	WO 93/07169	04/15/1993	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
	AB	Wu, J., et al., "Identifying Substrate Motifs of Protein Kinases by a Random Library Approach", <i>Biochemistry</i> , Vol. 33, pp. 14825-14833, 1994.
	AC	Titanji, V.P.K., et al., "Phosphopeptide Substrates of a Phosphatase from Rat Liver", <i>J. Biol. Chem.</i> , Vol. 255, No. 23, pp. 11339-11343, December 10, 1980.
	AD	Schumacher, T.N.M., et al., "Synthetic peptide libraries in the determination of T cell epitopes and peptide binding specificity of class I molecules", <i>Eur. J. Immunol.</i> , Vol. 22, pp. 1405-1412, 1992.
	AE	Pinilla, C., et al., "Rapid Identification of High Affinity Peptide Ligands Using Positional Scanning Synthetic Peptide Combinatorial Libraries", <i>Biotechniques</i> , Vol. 13, No. 6, pp. 901-905, 1992.
	AF	Muszynska, G., et al., "Selective Adsorption of Phosphoproteins on Gel-Immobilized Ferric Chelate", <i>American Chemical Society</i> , Vol. 25, No. 22, pp. 6850-6853, 1986
	AG	Muszynska, G., et al., "Model studies on iron(III) ion affinity chromatography", <i>J. Chromatography</i> , Vol. 604, pp. 19-28, 1992.
	AI	Marin, O., et al., "Synthetic peptides including acidic clusters as substrates of yeast casein kinase-2", <i>Int. J. Peptide Protein Res.</i> , Vol. 36, pp. 374-380, 1990.
	AJ	Lam, K.S., et al., "A new type of synthetic peptide library for identifying ligand-binding activity", <i>Nature</i> , Vol. 354, pp. 82-84, 1991.
	AK	Houghten, R.A., et al., "The Use of Synthetic Peptide Combinatorial Libraries for the Identification of Bioactive Peptides", <i>BioTechniques</i> , Vol. 13, No. 3, pp. 412-421, 1992.
	AL	Kemp, B.E., et al., "Synthetic hexapeptide substrates and inhibitors of 3':5' cyclic AMP-dependent protein kinase", <i>Proc. Nat. Acad. Sci. USA</i> , Vol. 73, No. 4, pp. 1038-1042, April 1976.
	AM	Houghten, R.A., "Peptide libraries: criteria and trends", <i>TIG</i> , Vol. 9, No. 7, pp. 235-239, July 1993.
	AN	Hortin, G.L., et al., "Preparation of Soluble Peptide Libraries: Application to Studies of Platelet Adhesion Sequences", <i>Biochem. Int.</i> , Vol. 26, No. 4, pp. 731-738, March 1992.
	AO	Houghten, R.A. et al., "Generation and Use of synthetic peptide combinatorial libraries for basic research and drug discovery", <i>Nature</i> , Vol. 354, pp. 84-86, November 7, 1991.
	AP	Flynn, G.C., et al., "Peptide-binding specificity of the molecular chaperone BiP", <i>Nature</i> , Vol. 353, pp. 726-730, October 24, 1991.
	AQ	Hanks, S.K., et al., "The Protein Kinase Family: Conserved Features and Deduced Phylogeny of the Catalytic Domains", <i>Science</i> , Vol. 241, pp. 42-52; July 1988.
	AR	Graff, J.M., et al., "Protein Kinase C Substrate and Inhibitor Characteristics of Peptides Derived from the Myristoylated Alanine-rich C Kinase Substrate (MARCKS) Protein Phosphorylation Site Domain", <i>Journal of Biological Chemistry</i> , Vol. 266, No. 22, pp. 14390-14398, 1991.
	AS	Cheng, H.-C., et al., "A Potent Synthetic Peptide Inhibitor of the cAMP-dependent Protein Kinase", <i>Journal of Biological Chemistry</i> , Vol. 261, No. 3, pp. 989-992, 1986.
	AT	Cheng, H.-C., et al., "An active twenty-amino-acid-residue peptide derived from the inhibitor protein of the cyclic AMP-dependent protein kinase", <i>Biochem. J.</i> , Vol. 231, pp. 655-661, 1985.
	AU	Abastado, J.-P., et al., "A soluble, single-chain K ^d molecule produced by yeast selects a peptide repertoire indistinguishable from that of cell-surface-associated K ^{dn} ", <i>Eur. J. Immunol.</i> , Vol. 23, pp. 1776-1783, 1993.

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	